

§ 180.495 Spinosad; tolerances for residues. (As of 9/23/99)

(a) *General.* Tolerances are established for residues of the insecticide spinosad in or on the food commodities in the table to this paragraph. Spinosad is a fermentation product of *Saccharopolyspora spinosa*. The product consists of two related active ingredients: Spinosyn A (Factor A; CAS# 131929-60-7) or 2-[(6-deoxy-2,3,4-tri-*O*-methyl- α -*L*-manno-pyranosyl)oxy]-13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione; and Spinosyn D (Factor D; CAS# 131929-63-0) or 2-[(6-deoxy-2,3,4-tri-*O*-methyl- α -*L*-manno-pyranosyl)oxy]-13-[[5-(dimethyl-amino)- tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a, 16b-tetradecahydro-4,14-methyl-1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione. Typically, the two factors are present at an 85:15 (A:D) ratio.

Commodity	Parts per million	Expiration/Revocation Date
Almonds	0.020	None
Almond Hulls	2.0	None
Apples	0.2	None
Apple pomace	0.5	None
Aspirated grain fractions.	20	None
Brassica (cole), leafy vegetables, greens subgroup.	10	None
Brassica (cole), leafy vegetables, head and stem subgroup.	2.0	None
Cattle, fat	3.5	None
Cattle, meat byproducts.	1.0	None
Cattle, meat .....	.15	None
Citrus fruits group .....	.3	None
Citrus oil	3.0	None
Citrus pulp, dried	0.5	None
Coffee	0.02	8/28/00
Corn, field	0.02	None
Corn, fodder	1.0	None
Corn, forage	1.0	None
Corn, grain	0.02	None
Corn, hay	1.0	None
Corn, pop	0.02	None
Corn, stover	1.0	None
Corn, straw	1.0	None
Corn, sweet (K+CWHR).	0.02	None
Cotton gin byproducts	1.5	None
Cottonseed	0.02	None
Cucurbit vegetables (cucumbers, melons, squashes) group.	0.3	None
Fruiting vegetables (except cucurbits) group.	0.4	None
Goat, fat	3.5	None

Commodity	Parts per million	Expiration/Revocation Date
Goat, meat byproducts	1.0	None
Goat, meat .....	.15	None
Hogs, fat	3.5	None
Hogs, meat byproducts.	1.0	None
Hogs, meat .....	.15	None
Horses, fat	3.5	None
Horses, meat byproducts.	1.0	None
Horses, meat .....	.15	None
Leafy vegetables (except Brassica vegetables group.	8.0	None
Legume vegetables, edible podded (Crop Subgroup 6A.	0.30	None
Legume vegetables, dried shell pea and bean (Crop Subgroup 6C.	0.02	None
Legume vegetables, succulent shelled pea and bean (Crop Subgroup 6B).	0.02	None
Milk, fat	5.0	None
Milk, whole	0.50	None
Poultry, eggs	0.02	None
Poultry, fat	0.20	None
Poultry, meat byproducts.	0.02	None
Poultry, meat	0.02	None
Sheep, fat	3.5	None
Sheep, meat byproducts.	1.0	None
Sheep, meat .....	.15	None
Sorghum, fodder	1.0	None
Sorghum, forage	1.0	None
Sorghum, grain	1.0	None
Sorghum, hay	1.0	None
Sorghum, stover	1.0	None
Sorghum, straw	1.00	None
Soybeans	0.02	None
Stone fruits (cherries, peaches, plums, prunes) group.	0.20	None
Tuberous and corn vegetables (crop subgroup 1C).	0.02	None
Wheat, bran .....	.15	None
Wheat, flour .....	.15	None
Wheat, fodder	1.0	None
Wheat, forage	1.0	None
Wheat, grain	0.02	None
Wheat, hay	1.0	None
Wheat, middlings	0.15	None
Wheat, shorts	0.15	None
Wheat, stover	1.0	None
Wheat, straw	1.0	None

(b) *Section 18 emergency exemptions.* Factor A is 2-[(6-deoxy-2,3,4-tri-*O*-methyl-*o*-*L*-mannopyranosyl)oxy]-13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,6,9,10,11,12,13,14,16a,6b,tetradecahydro-14-methyl-1H-as-Indaceno[3,2d]oxacyclododecin-7,15-dione. Factor D is 2-[6-deoxy-2,3,4-tri-*O*-methyl-*o*-*L*-mannopyranosyl)oxy]-13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-

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yl]oxy]-9-ethyl-
2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-
tetradecahydro-4,14-dimethyl-1H-as-
Indaceno[3,2d]oxacyclododecin-7,15-dione.

Commodity	Parts per million	Expiration/Revocation Date
Cranberries	0.02	06/01/01

Commodity	Parts per million	Expiration/Revocation Date
All commodities in connection with quarantine eradication programs against exotic, non-indigenous, fruit fly species, where a separate higher tolerance is not already established	0.02	12/01/02

- (c) *Tolerances with regional registrations.* [Reserved]
(d) *Indirect or inadvertent residues.* [Reserved]